FOR MYSORE STATE

Agriculture (1954) Department

RT SERIES.

G.O. No. 851

Passed

Dated 4/6/54

[Despatch Abstract.]

Community Projects - South Kanara area - Block I - Communication - Construction of a foot bridge at Kudama in Ullapad Village - Sanctioned by the Project Executive Officer Mangalore for Rs 577/- Papers recorded.

Ref.C.No.1461/52-B.

Proceedings of the Project Executive Officer, Mangalore
Dated 1-5-1954.
Sri.H.Narasimha.

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Sub: Community Projects - S.Kanara - Communications - Block I - Construction of a foot-bridge at Kudama in Ullepadi village - Sanctioned.

Sanction is accorded to an expenditure not exceeding Rs. five hundred and seventy seven only, being three-fourths of the estimated cost of Rs.770/- for the construction of a foot-bridge at Kudama, in Ullepadi village, in Block I. It corresponds to item No.55, under foot-bridges, in Block I, in the overall programme. The balance of Rs.(193/-) one hundred and ninty three required to complete the work will be met from contributions by the people. The sanction is counted against the relevant provision in the overall programme.

The expenditure is debitable to "63.B.C.D. Projects -1 Communications -1 Works."

30723
1410

Project Executive Officer.

To
The Director of Community Projects, Madras (2 copies) with a copy of the sanctioned estimate.
The Secretary, C.P.A. Rastrapathi Bhavan, New Delhi.
The Accountant General, Madras.
The Collector of S.Kanara.
The Asst.Project Officer, Karkal (with spare copy)
The Asst.Engineer with estimate for sending draft agreem
The Accountant.
The B-Clerk.

JC4-5-54.

C.P. 6-723A/5

:f.C.No.1461/52-B.

Proceedings of the Project Executive Officer, Mangalore
Dated 1-5-1954.
Sri.H.Narasimha.

Sub: Community Projects - S.Kanara - Communications - Block I - Construction of a foot-bridge at Kudama in Ulepadi village - Sanctioned.

Sanction is accorded to an expenditure not exceeding Rs. (577/-) five hundred and seventy seven only, being three-fourths of the estimated cost of Rs.770/- for the construction of a foot-bridge at Kudama, in Ulepadi village, in Block I. It corresponds to item No.55. under foot-bridges, in Block I, in the overall programme. The balance of Rs. (193/-) one hundred and ninty three required to complete the work will be met from contributions by the people. The sanction is counted against the relevant provision in the overall programme.

The expenditure is debitable to "63-B.C.D.Projects - 1 Communications -1 Works."

Project Executive Officer. 1-5-54

To

The Director of Community Projects, Madras (2 copies) with a copy of the sanctioned estimate.
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The Asst.Engineer with estimate for sending draft agreement.
The Accountant.
The B-Clerk.

JC 1-5-54.

Clear span 4'.

Dead wt — $4 \times 1 \times \frac{1}{6} \times 50$ lbs = 33

add for comb hand rail etc. — 7

404

Live load at 60 lb/sq ft $4 \times 1 \times \frac{120}{120}$ = 320

2860 lbs

Stiffness formula $W = 150 b d^3 / L^2$ Let $b = 12"$

$d^3 = \frac{320 \times 4 \times 4}{150 \times 12} = \frac{4.62}{3.2}$ $d = 1.676$ 1.7"

1.620 = 1.7" Hence a timber of 2" x 8" quite safe.

Dead wt of timber = 50 x 5 lbs = 1250 lbs

Live load → $9 \times 4 \times \frac{200}{120}$ = 3000 lbs

4250 5000

Load acting on one beam = 2500 lbs

$W = 150 b d^3 / L^2$ Let $b = 5"$

$d^3 = \frac{2500 \times 9 \times 9}{150 \times 5}$ = 27.0

3.0 = 6.5" Hence a section of 5" x 7" is quite safe.

Instrument :- Top width = 1'-6"

Radius 0.44 = 6.5 x 0.6 = 2'6 or 2'6"

7.63

DETAILED ESTIMATE 1,104—17-11-52. C.F. 160 (1).

District Constructing a foot Bridge **Taluk**
at Kadachira in Nandhiyar Village
Village and Survey **Date and cost of original construction**

Name and number of work **Date and cost of last repairs**

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
Earth work excavation in all soils excepting rock requiring blasting. with initial leads and lifts.						
Abutment. left	1	7-0	3-6	8-6	205	
" Rt	1	7-0	3-6	6-0	147	
Steps	1	5-0	2-0	3-0	30	
"	1	5-0	3-0	1-6	23	
for roadway	1	10-0	4-0	1-6	60	
					465	or 600cft
Broken stone in Cement concrete 1:6:8.						
for abutment.	2	7-0	3-6	1-0	49	
Steps	2	5-0	3-6	1-0	35	
					84	or 90cft
Rubble masonry in Cement mortar 1:6.						
abutment	2	6-0	2-6+1-6 / 2	6-6	156	
between beams	2	6-0	1-0	0-9	9	
Steps left	1	3-6	4-0	2-0	28	
" Rt.	1	5-6	3-6	1-0	20	
"	1	3-6	4-0	3-0	42	
extras if required.					15	
					270	or 300cft.
wood trial bogie wrought and put up					-	
Beams	2	11-0	0-5	0-7	5.35	
Planks	1	11-0	5-0	0-2	9.17	
cross beams	3	8-6	0-6	0-3	3.28 / 1.06	
Post	3×2	3-0	0-3	0-3	1.13	
of rail	2	11-0	0-3	0-3	1.38	
chain rail	2×2	11-0	0-3	0-1½	1.38	
kerbs	2	11-0	0-3	0-3	1.38	
steps	3×2	~~2-6~~ 3-6	0-3	0-3	~~0-94~~ 1.30	
extras if required.					3.71	
					25-00	
wrought and put up					28 Cft	
cast post &p	3×2	1-6	0-1½	0-¼	11.52	
drain	2×2	0-9	0-1½	0-1½	5.26	
					17.28	

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
Taking out Coal from two Coals.						
Beams	2	11-0	2-0		44	
Planks	1	11-0	10 4		114	
Posts	3×2	3-1	1 0		18	
top rail	2	11 0	1 0		22	
Cross rails	2×2	11 0	0-9		33	
tails	2	11 0	1-0		22	
Struts	3×2	~~3-6~~ 3-6	1-0		21 6 / 11 / 2 6 / 32	
Extra for projecting planks etc.					300 lbs	
1. Manufacturing and driving Spikes of 5" 156" long Spikes					12 Nos	
8. Supplying and fixing holding down bolts 2'0 long 3/4" dia with necessary plates etc.					4 Nos	
9. Extra for any enforsen items of works					Lis —	
10. Piling supervision and Contingencies					— Lis —	

Examined Sandilands 9.6.53
Inspector Mills

Counter signed.
Divisional Engr
Mangalore.
16/28

A. Campion
9/6/53
Asst. Engr

ESTIMATE FORM---Abstract

Item number.	Quantity. (2)	Description of work. (3)	Rate. (4)	Per (5)	Amount (6)	Total. (7)
		Earthwork excavation in all sorts including	Rs.		Rs.	Rs.
1.00		rock requiring blasting with central lead not	2/4	100 cft	13	13
90		Coursed rubble stone in C.M. in 1'6" &	94.4.0	100 cft	89	85
300 cft		Random rubble masonry in C.M. in 1:4	86.8.0	M	259	260
28		Best Country wood burial bogi including	10/-	100 cft	280	280
20 Nos		Ironwork wrought and fixed complete. P.S.	1/-	Nos	20	20
300 sft		Paving with hot Coal tar & Coal.	4/8	100 sft	14	14
12 Nos		Manufacturing driving & pile 30" to 36" long P.S.	0/4	Each	3	3
		Manufacturing and fixing holding down				
4 Nos		bolts 2'0 long 3/4" dia with necessary fastenings L.R.	3/-	Each	14+2=0	14
						689
LS		Extra for every unforseen items of work	—	LS	96.0.0	41
LS		Petty supervision and Contingencies	—	LS	45.8.0	40
				Total	720/-	770
					800/-	

Rupees Seven Hundred and Seventy only.

7.6.53
Supdt. of Nallery.

L. A. Gopalan
9/6/53
Asst. Engineer

Countersigned

Assistant Engineer (II)

19/28 May

Divisional

Estimate (Rs. 12 (54-5
(Rs. 146 (53-4

Estimate — Rs. 770/-
Contingencies Rs. 49/-
Rs. (577/-

Sanctioned for Rs. (577/- Rupees Five hundred and Seventy Seven only.

Grand Total of Estimate

Executive Engineer,

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
		Rs. A. P.		Rs. A. P.	
	Earth work excavation in ordinary soil requiring blasting.				
0022	88 20 B	21 6 -	100 cft	21 6 -	
	2) Cement mortar 1:6				
100 cft	Sand - - - -	2 8 -	100 cft	2 8 -	
Do	Load ½ M boat - 2 F head load	9 1 3	"	9 1 3	
"	Mixing coolies	8 0	"	8 0	
25 cft	Cement - - - -	87 8 -	1 Cm	87 8 -	
"	Load 28 NMR ½ M boat - 2 NMR ½ M head load.	97 14 3	100 cft	24 7 6	
	Sundries		Rs.	- 1 3	
				123 10 -	128-2-
				128 2 0	
	3. Concrete broken stone in Cement mortar 1:6 : 8.				
1241 cft	metal 1½" size	23 - -	100 cft	23 - -	
1000 cft				28 15 0	
650 cft	mortar	128 10 -	"	128 1 0	
50 cft		128 2 0			
5 Nos	Man load	1 8 -	each	7 8 -	
½	Woman	2 12 0	"	1 6 -	
4	Load for metal ½ F head load	0 13 -	"	3 4 0	
1000 cft		1 15 0		1 15 0	
24 cft		1 9 0	100 cft	- 9 -	
	Sundries		Rs.	- 1 5	94.4.0
	94.4.0 100-10-0			98 8 -	100-10-0
	4. Random rubble masonry in Cement mortar 1:6.				
1100 cft	Rough stone	16 - -	100 cft	17 9 4	
340 cft	mortar 1:6	12 2 0	"	42 0 6	
5 Nos	Masons	2 12 0	each	13 12 0	
4 Nos	Man load	1 8 -	"	6 - -	
4 as	Woman "	- 13 -	"	3 4 -	
1100 cft	Load as above	1 15 0	100 cft	2 2 6	
	Sundries	1 9 -	Rs.	- 2 6	86.8.0
	86.8.0 85-12-0			86 - -	85-12-
	5. Best Country wood timber in length and scantling.				
1 cft	Country wood	7 4 -	1 cft	7 4 -	
½	Carpenter	3 6 -	each	1 13 -	
¼	Man load	1 8 -	"	- 6 -	
1 cft	Teak 18 NMR ½ M head load	60 12 -	100 cft	- 9 9	
	Sundries		Rs.	- 1 3	
				10 - -	
	wale scantling				
	wale including freight				
	Total Rs.		1 cft	1 - -	1 10 -

P.W.D. V–39–57

Data sheet to accompany the estimate for

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
	Laying with hot Coal tar	for	2		Cft				
2 lbs	Coal tar.	—	4	-	lbs	2	2	-	
1/2 nos	Mean Mason.	1	8		each	2	4	-	
	Sundries					—	2	-	
						4	8	-	
	manufacturing and fitting holding down bolts								
	size 1/2" dia with flat end								
1 no	2'-0 long 1/2" dia as 2'-6" long flat 1 1/2 x 1/4"	—	6		lbs	1	14	-	
6	Manufacturing charges including Mason's labour					1	2	-	
						3			
	Manufacturing and driving spikes								
	5" to 6" long								
each	spike	—	6	—	each	—	4	—	

Lead statement.

Cement 38 MMR 1/2 M boat 2 MMR 1/2 M new boat

Granite: 1/2 F head load

Sand 1/2 M Boat 2F head load

Work 18 MMR 1/2 M head load

Certified that the loads noted above are correct to the best of my knowledge and belief.

Sd/- [illegible]
7.4.58.

Sd/- A. Gangaram
9/6/58
Asst Engr (P).

Countersigned:

Sd/-
Divisional Engineer (H).

Extracts from the Cash Book.

73

10/6/58.

CPS- Sh. Karan- Pst. E-comms- construction of a duct at Kuduma in Ulepadi Village sanctioned by the P.E.O. Mangalore for Rs 57..
Papers recorded
60723 D VI/54

G.O.Rt 851 Agri dt 4/ 'K' p. 14 (B)

10/6/58.

Pwb (RDP VI)

4147 It has since been ordered that the it will be sufficient if an abstract monthly report in respect of

10/6.

. S.no.
. Date of entry in the register
. Subject

~~Subject~~
old cument. no.
No & date of Govt. order &c. authorising the entry.
Date when further action is to be taken
No. & date of new cument.

work done completed is sent instead
of sending detailed reports individually in resp
Hours of each work. Hence, this may be
lodged & added to the G.O. Rt. No. 851, Agri;
Dated 4/6/54.

Agri (D II)

CNo. 6072B/54

Sub:- Cls- South Kanara Area- Block I- Communications- Construction of a foot-bridge at Kudama in Ulepadi Village- Sanctioned estimate

Ref:- From the PEO. Mangalore Rc. CNo. 1461/53-B dated 1-5-54.

Please see the proceedings of the PEO. Mangalore at p/ct., sanctioning an expenditure of Rs 577/- out of an estimate for Rs 770/- for Constructing a foot-bridge at Kudama in Ulepadi village. The work is listed in the approved overall programme and the estimate has been technically approved by the D.E.A.

The papers may be recorded as a routine G.O. with a call book entry for twelve months to watch the Completion of the work.

2-6-54

G.O. Rt. 851 dated 4.6.54.

Abstract:- Cls- S.K. Area- Block I- Communications Construction of a foot-bridge at Kudama in Ulepadi village- Sanctioned by the PEO. Mangalore for Rs. 577/-

Papers recorded

[CB/twelve months]

K

1.6.54

Encl
CNo-72